Contents of Volume 29

No. 1

Announcement from the Publisher v

M. Sugamata, L.C. Ewalt, L.L. Perry and D.L. Lodmell (U.S.A.)
Detection of anti-rabies virus cytotoxic T lymphocytes in mice of four distinct H-2 haplotypes using target cells persistently infected with ERA rabies virus 1

C. Mahnke, M. Löchelt, H. Bannert and R.M. Flügel (F.R.G.)
Specific enzyme-linked immunosorbent assay for the detection of antibodies to the human spumavirus 13

H. Ushijima, H. Honma, H. Tsuchie, T. Kitamura and I. Takahashi (Japan)
Removal of HIV antigens and HIV-infected cells in vitro using immunomagnetic beads 23

N.P. Ferris, R.P. Kitching, J.M. Oxtoby, R.M. Philpot and R. Rendle (U.K.)
Use of inactivated foot-and-mouth disease virus antigen in liquid-phase blocking ELISA 33

N.P. Ferris, R.M. Philpot, J.M. Oxtoby and R.M. Armstrong (U.K.)
Freeze-drying foot-and-mouth disease virus antigens. I. Infectivity studies 43

C.S. Brown, M.J.A.W.M. van Bussel, A.L.M. Wassenaar, A.-M.W. van Elsacker-Niele, H.T. Weiland and M.M.M. Salimans (The Netherlands)
An immunofluorescence assay for the detection of parvovirus B19 IgG and IgM antibodies based on recombinant viral antigen 53

M. Joersbo and J. Brunstedt (Denmark)
Inoculation of sugar beet protoplasts with beet necrotic yellow vein virus particles by mild sonication 63

J.G. Barrera Oro, K.T. McKee, Jr., J. Spisso, B.G. Mahlandt and J.I. Maiztegui (U.S.A., Argentina)
A refined complement-enhanced neutralization test for detecting antibodies to Junin virus 71

A. Baillou, F. Barin, G. Léonard, F. Denis, E. Petat, W.F. Canas Ferreira, S. M'Boup and A. Goudeau (France, Portugal, Senegal)
Competitive enzyme-immunoassays using native viral antigens to discriminate between HIV-1 and HIV-2 infections 81

M. Njayou and A. Balla (Cameroun)
Comparative study of peroxidase-labelled IgG and anti-IgG for the detection of measles virus antigens 91

B. Khuntirat and L.A. Lucher (U.S.A.)
A microscale analytical batch chromatographic method for detecting soluble viral DNA-binding proteins in crude extracts 97

Y. Morikawa, J.P. Moore and I.M. Jones (U.K.)
HIV-1 envelope protein gp120 expression by secretion in *E. coli*: assessment of CD4 binding and use in epitope mapping (Short Communication) 105

No. 2

Announcement from the Publisher 115

N.R. da Silva Martins, A.P.A. Mocket and J.K.A. Cook (U.K.)
A method for the rapid purification of serum IgM for the diagnosis of recent viral infections of chickens 117

M. Chen, T. Hsu, J. Chen and C. Yang (Taiwan)
Molecular characterization of a cDNA clone encoding the Epstein-Barr virus (EBV) DNase 127

B. Pozzetto, O.G. Gaudin, F.R. Lucht, J. Hafid and A. Ros (France)
Detection of immunoglobulin G, M, and A antibodies to enterovirus structural proteins by immunoblot technique in echovirus type 4-infected patients 143

P. Wu, J.B. Mahony and M.A. Chernesky (Canada)
A new immune complex dot assay for detection of rotavirus antigen in faeces 157

C.A. Gibson, L.M. Dunster, M. Bouloy, P.D. Monir, P.G. Sanders and A.D.T. Barrett (Australia)
Primer extension dideoxy chain termination nucleotide sequencing of partially purified RNA virus genomes; a technique for investigating low titre viruses with extensive genome secondary structure 167

C.D. Humphrey, E.H. Cook Jr. and D.W. Bradley (U.S.A.)
Identification of enterically transmitted hepatitis virus particles by solid phase immune electron microscopy 177

E. Sprecher, D. David, H. Yadin, B. Peleg and Y. Becker (Israel)
Mouse footpad Langerhans cells as an indicator for safety of foot and mouth disease virus vaccines 189

H. Nakashima, J. Balzarini, R. Pauwels, D. Schols, J. Desmyter and E. De Clercq (Belgium)
Anti-HIV-1 activity of antiviral compounds, as quantitated by a focal immunoassay in $CD4^+$ HeLa cells and a plaque asay in MT-4 cells 197

P. Muir and J.E. Banatvala (U.K.)
Reactivity of enterovirus-specific IgM with infective and defective coxsackie B virions in patients with monotypic and multitypic IgM responses 209

S. Kaneko and R.H. Miller (U.S.A.)
Characterization of primers for optimal amplification of hepatitis B virus DNA in the polymerase chain reaction assay (Short Communication) 225

No. 3

Announcement from the Publisher 231

T.A. Winters and M.V. Williams (U.S.A.)
Use of the PBS2 uracil-DNA glycosylase inhibitor to differentiate the uracil-DNA glycosylase activities encoded by herpes simplex virus types 1 and 2 233

A. Verbeek and P. Tijssen (Canada)
Polymerase chain reaction for probe synthesis and for direct amplification in detection of bovine coronavirus 243

T.C. Chanh and B.E. Alderete (U.S.A.)
A rapid method for quantitating lymphocyte receptor capping: capping defect in AIDS patients 257

M.A. Duggan, M. Inoue, S.E. McGregor and J.G. Nation (Canada)
A comparison of cervical scrapes for HPV typing by dot-blot hybridization obtained by wood and plastic spatulas 267

D.H. du Plessis, W. van Wyngaardt and C.W. Bremer (Republic of South Africa)
An indirect sandwich ELISA utilising F(ab')2 fragments for the detection of African horsesickness virus 279

A. Velpandi, C.E. Monken and A. Srinivasan (U.S.A.)
Development of RD-tat cell lines: use in HIV recombination studies 291

B. Rombaut, A. Foriers and A. Boeyé (Belgium)
Purification of poliovirus 14 S subunits by sucrose gradient ultracentrifugation and high-performance size-exclusion chromatography 303

H. Dahl, A. Linde, V.-A. Sundqvist and B. Wahren (Sweden)
An enzyme-linked immunosorbent assay for IgG antibodies to human herpes virus 6 313

C. Mourton, M. Bearzotti, M. Piechaczyk, F. Paolucci, B. Pau, J.-M. Bastide and P. de Kinkelin (France)
Antigen-capture ELISA for viral haemorrhagic septicaemia virus serotype I 325

A. Bauer, G. Monreal and H.-J. Bauer (F.R.G.)
Growth of avian adeno-associated virus in chicken cells transfected with fowl adenovirus serotype 1 DNA (Short Communication) 335

A. Garrett and A. Dunham (U.K.)
Variability in redioimmunoprecipitation assays of HIV (Short Communication) 341

Contents of Volume 29 345

Author Index 349

Subject Index 353